



**NOTES:**

1. Engineer shall use this drawing as a guide for designing ramps and shall prepare a site-specific drawing for each ramp.
2. Engineer shall verify applicability of this drawing to specific locations within the project before using it as a design guide and shall locate each ramp relative to crosswalk or stop line.
3. Sidewalk ramp grades shall meet *ADA Standards*.
4. Detectable warning shall be truncated dome type, 24 inches long in direction of travel and full width of ramp, with domes aligned on a square grid with its gridlines parallel and perpendicular to the centerline of the ramp, "Armor-Tile, Cast-In-Place Tiles".
5. Curb inlet or catch basin shall not be allowed in front of textured ramp.
6. Construct curb with varying exposure tapered longitudinally so that the top of the curb matches the normal projected back of sidewalk as shown in sections B-B and C-C, where the adjacent ground is improved and slopes away from sidewalk, and where the back edge of new sidewalk is less than 0.6 feet above the gutter flowline.
7. For sidewalk widths and panel dimensions, see *Beaverton Standard Dwg 216*.
8. Concrete to have compressive strength of 4,000 psi at 28 days.
9. Bevel the curb cut from gutter to back of curb at 8.33% (1:12).
10. Score at grade changes, surface texture changes and at other points shown. Edges shall be shined.
11. Engineer shall accept full responsibility for correcting all unacceptable ramp construction resulting from applying this drawing "as is" and not providing a site-specific drawing for each ramp.
12. A single ramp may be used at 'T' intersections at the locations shown in the diagram in section 210.10 of the Engineering Design Manual.



City Of Beaverton

**ENGINEERING  
DEPARTMENT**

**COMBINATION CURB TIGHT  
SIDEWALK RAMPS  
(WHEN PREAPPROVED)**

CITY ENGINEER  
Terry Waldele, P.E.

DATE  
6 - 10 - 04

DRAWN BY  
JR - TD

DRAWING NO.  
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